

**SCHLAGE®**

# L-SERIES

*Extra Heavy Duty Mortise Locks*



## *Extra Heavy Duty Mortise Locks*

*The Schlage L-Series mortise lock line is a heavy duty commercial mortise lock containing a wide array of knob and lever designs. It is available in a variety of keyed and non-keyed functions, and in most popular decorative finishes. ↴ It is U.L. Listed and can be specified for applications in offices, schools, hospitals, hotels, and commercial buildings, as well as residences. The L-Series lock meets or exceeds the ANSI A156.13 specification, making it the best choice for any building where security, safety, and design compatibility are the prime considerations. ↴ The L-Series lock uses one common mortise lock case for all trim. This allows excellent design flexibility in trim combinations such as knob by lever, lever by knob, as well as knob by knob or lever by lever. ↴ The outstanding feature of its quickly-reversible handing, allowing orders to be filled quickly at the distributor level from stock on hand. Our L9000-Series mortise lock can be easily handed on-site without disassembling the lock case.*

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*On our cover, the L9453P 17L in Bright Bronze.*

## Specifications

**Applications:** For commercial and institutional buildings where the finest in mortise locks are required.

**Certifications:** L9000: ANSI A156.13 Series 1000, Grade 1 Operational and Security, UL Listed for 3-hour fire door (except L9076 and L9077). With interchangeable core cylinders: Grade 2 Security. L400: ANSI A156.5 Grade 1 UL Listed auxiliary lock for 3-hour fire door.

**With Concealed Cylinder:** A156.13 Grade 1 Operational and Security. ANSI/ASTM F476-76 Grade 40, UL Listed.

### Exposed Trim:

**Knobs:** #41 and #42 heavy duty wrought brass, bronze or stainless steel knobs match in appearance and are equal to D-Series knobs.

**Levers:** Levers are available in forged brass or bronze and cast stainless steel. Designs available to match D-Series levers.

**93 Lever Design:** Extruded brass, bronze or stainless steel.

**Mediterranean Designs:** Forged brass lever and rose designs.

**Escutcheons:** L escutcheons are cold forged brass or bronze and stainless steel. N escutcheons are heavy wrought reinforced brass, bronze and stainless steel. L = 8" x 1 $\frac{3}{4}$ " x  $\frac{7}{16}$ " (203mm x 44mm x 11mm). N = 8" x 2 $\frac{9}{16}$ " x  $\frac{7}{16}$ " (203mm x 65mm x 11mm).

**Roses:** A = 2 $\frac{1}{8}$ " (54mm) diameter wrought brass, bronze or stainless steel.

B = 2 $\frac{9}{16}$ " (65mm) diameter wrought brass, bronze or stainless steel.

**Trim Combinations:** Available with knob both sides, lever both sides, or knob x lever with rose or escutcheon both sides.

**Keying:** 6-pin cylinder with two nickel silver Everest patented keys standard. Keying options available from factory are master keying, construction keying, interchangeable core, SFIC and Primus® high security cylinders.

**Door Range:** 1 $\frac{3}{4}$ " (44mm) Standard. 1 $\frac{3}{8}$ " (35mm) to 2 $\frac{1}{2}$ " (64mm) Regular parts assembled to order. Over 2 $\frac{1}{2}$ " (64mm) door ranges vary by function. N escutcheon available for 1 $\frac{3}{4}$ " (44mm) doors standard. 2" (51mm) to 2 $\frac{3}{8}$ " (60mm) Regular parts assembled to order. Specify door thickness if other than 1 $\frac{3}{4}$ ".

**Case Size:** 4 $\frac{7}{16}$ " x 6 $\frac{1}{16}$ " x 1" (113mm x 154mm x 25mm).

**Armored Front:** 1 $\frac{1}{4}$ " x 8" x  $\frac{7}{32}$ " (32mm x 203mm x 6mm) Standard. 1 $\frac{1}{16}$ " x 8" x  $\frac{7}{32}$ " (27mm x 203mm x 6mm) Optional.

**Spacing:** †. Knob or lever to †. cylinder, 3 $\frac{7}{8}$ " (98mm); †. knob or lever to †. thumbturn hub, 2 $\frac{1}{16}$ " (68mm).

**Deadbolt:** 1" (25mm) Throw stainless steel.

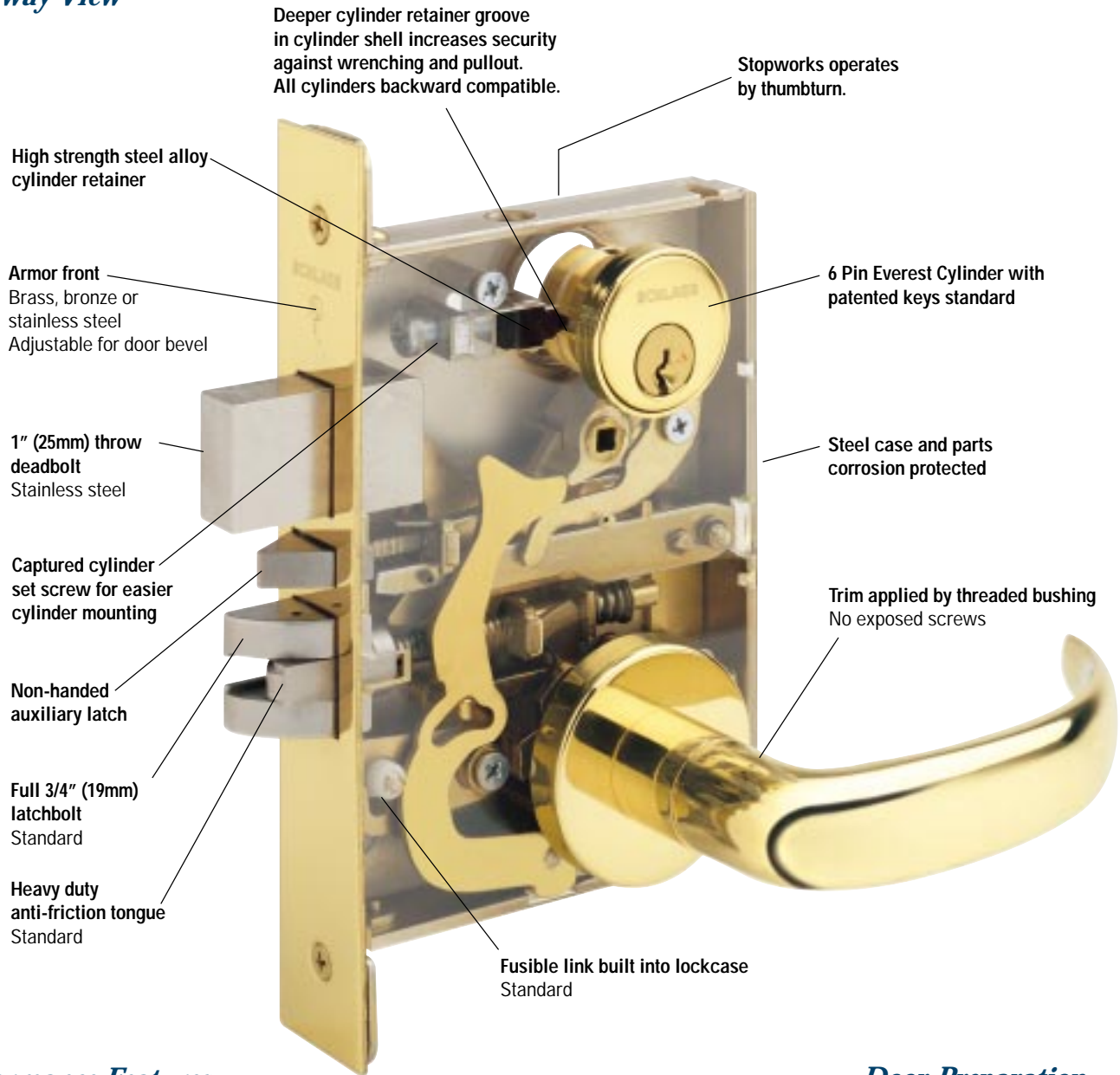
**Latchbolt:**  $\frac{3}{4}$ " (19mm) Throw stainless steel with anti-friction tongue.

**Backset:** 2 $\frac{3}{4}$ " (70mm) Only.





## Cutaway View



## Performance Features

Exceeds ANSI A156.13 Grade 1 lever torque requirements.

Exceeds 800,000 cycle ANSI Grade 1 requirements.

Grade 1 security with concealed mortise cylinder.

Grade 2 security with full face mortise cylinder.

U.L. Listed for all functions except L9076 and L9077 for 3-hour doors, single fire-rated doors not exceeding four feet in width and ten feet in height.

Universal lock chassis, one lock case for knobs or levers.

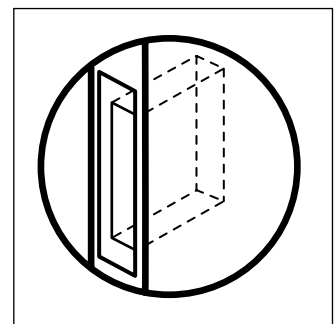
Replaceable breakaway spindle is designed to resist excessive force from vandalism, preventing damage to lever trim and internal lock case components.

Solid stainless steel 1½" (38mm) deadbolt, 1" (25mm) projected.

Heavy duty ¾" (19mm) latchbolt with anti-friction tongue standard.

Hand is quickly reversible without opening lock case.

## Door Preparation



See templates.

**Note:** L-Series mortise locks meet all requirements for installation in doors and frames prepared in accordance with ANSI 115.1.

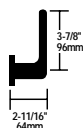
## Lever Designs & Finishes

**01**

Material: Forged brass and  
cast stainless steel  
Finishes: 625, 626, 630



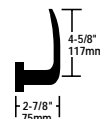
613


**07 (D Athens)**

Material: Forged brass, bronze,  
and cast stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626,  
629, 630



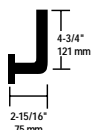
611


**02**

Material: Forged brass and  
cast stainless steel  
Finishes: 625, 626, 630



625


**12**

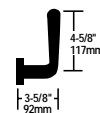
Material: Forged brass, bronze,  
and cast stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626,  
629, 630



605



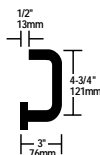
*Specify door hand*


**03**

Material: Forged brass, bronze,  
and cast stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626,  
629, 630



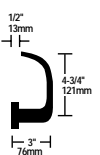
625


**17 (D Sparta)**

Material: Forged brass, bronze,  
and cast stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626,  
629, 630



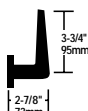
625


**05**

Material: Forged brass, bronze,  
and cast stainless steel  
Finishes: 625, 626, 630



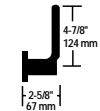
612


**18**

Material: Forged brass, bronze,  
and cast stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626,  
629, 630



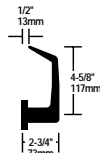
605


**06 (D Rhodes)**

Material: Forged brass, bronze,  
and cast stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626,  
629, 630



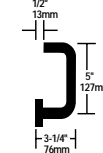
626


**93**

Material: Extruded brass,  
bronze, or stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626,  
629, 630



625



## Knob Designs & Finishes

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612

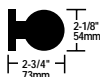


### 41 (D PLYMOUTH)

Material: Heavy wrought  
brass, bronze, or stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626, 629, 630



626



### 42 (D ORBIT)

Material: Heavy wrought  
brass, bronze, or stainless steel  
Finishes: 605, 606, 612,  
613, 625, 626, 629, 630

#### Finishes

605 Bright Brass  
606 Satin Brass  
610 Bright Brass, Blackened  
612 Satin Bronze  
613 Oil Rubbed Bronze  
625 Bright Chromium Plated  
626 Satin Chromium Plated  
629 Bright Stainless Steel  
630 Satin Stainless Steel

## Mediterranean Designs & Finishes

This product offering combines the beauty of Schlage's Mediterranean levers with all the features and benefits of our L-Series heavy duty commercial mortise lock. Two designs, Asti and Merano, are offered in two finishes. The L escutcheon is also available in addition to the special roses shown below.

All exposed trim is forged of solid brass and available in our bright brass finish or our high quality bright chrome finish. We offer you the added benefit of our extended warranty of 10 years for commercial applications and a lifetime warranty for Residential applications.



### ASTI

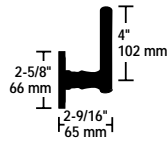
Symbol: AST

Material: solid forged brass

Finishes: 605, 625



505



### MERANO

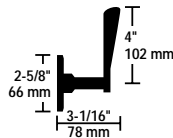
Symbol: MER

Material: Solid forged brass

Finishes: 605, 625



625



### Finishes

605 Bright Brass

625 Bright Chromium Plated

*Escutcheons, Roses, Special Turns & Finishes*



**L FULL FACE**

Material: Cold forged brass, bronze, or stainless steel  
Finishes: 605, 606, 612, 613, 625, 626, 629, 630  
8" x 1 3/4" x 7/16"  
(203mm x 44mm x 11mm)



611



**A-WROUGHT ROSE**

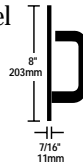
2 1/8" (54mm) Diameter  
Available for use on L-Series knob and lever designs. Order by letter designation corresponding to the design and diameter desired.

626



**L CONCEALED**

Material: Cold forged brass, bronze, or stainless steel  
Finishes: 605, 606, 612, 613, 625, 626, 629, 630  
8" x 1 3/4" x 7/16"  
(203mm x 44mm x 11mm)



625



**B-WROUGHT ROSE**

2 9/16" (65mm) Diameter  
Available for use on L-Series knob and lever designs. Order by letter designation corresponding to the design and diameter desired.

626



**N ESCUTCHEON**

Material: Heavy wrought reinforced brass, bronze, or stainless steel  
Finishes: 605, 606, 612, 613, 625, 626, 629, 630  
8" x 2 9/16" x 7/16"  
(203mm x 65mm x 11mm)



625



**HOTEL OCCUPANCY INDICATOR**  
**09-611**

For lock function L9486P, this unit is used with A or B design roses only. It requires a 1 3/8" (35mm) cylinder for 1 3/4" (44mm) doors. When ordering separately, specify finish.

625

**Finishes**

605 Bright Brass  
606 Satin Brass  
612 Satin Bronze  
613 Oil Rubbed Bronze  
625 Bright Chromium Plated  
626 Satin Chromium Plated  
629 Bright Stainless Steel  
630 Satin Stainless Steel



**OPTIONAL "EZ" TURN**  
**L583-363**

Available for rose and escutcheon trim. Disability turn (ADA) option to standard thumbturn. Can be used with any thumbturn function L-Series lock, except L9463 and L463. Specify lock per L583-363 when ordering.

625 



**COIN TURN L283-124**

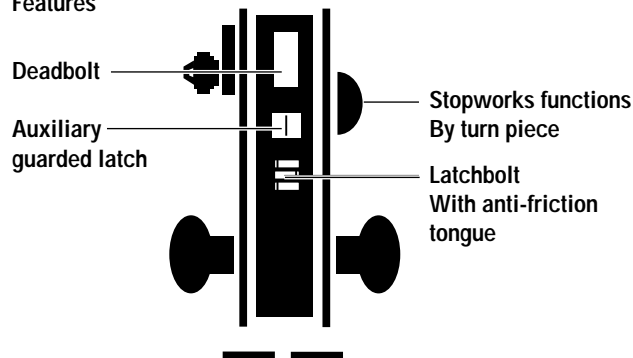
For lock functions L9044 and L9444 with rose trim. When ordering separately, specify 09-509 and finish per L283-124.

625



## Functions

### Features



### Product Identification

**L 9 4 53 P**

#### Cylinder Suffix

- P = 6-Pin Full Face Mortise Cylinder with Schlage Logo\*
- L = Less Full Face Cylinder
- C = Concealed Mortise Cylinder
- W = Less Concealed Cylinder
- R = Full Size Interchangeable Core with Schlage Logo
- J = Less Full Size Interchangeable Core
- F = Full Size Interchangeable Core Less Schlage Logo
- T = Full Size Construction Core
- BD = SFIC Less Core
- BDC = Disposable SFIC
- GD = Everest® Patented SFIC
- HD = Construction SFIC

#### Function

- 0 = No Deadbolt
- 1 = Dummy Trim
- 4 = With Deadbolt

- 0 = Dummy Trim without Lock Case
- 9 = Functions with Lock Case

#### Lock Series

\* To order less Schlage logo specify lock "with K510-612 faceplate".

SFIC = Small Format (Best® Style) Interchangeable Core

### Symbols

- Cylinder
- Outside knob or lever
- Inside knob or lever
- Thumbturn
- Thumbturn Cylinder
- Coin turn
- Solid spindle
- Two piece spindle
- Emergency turn piece
- Occupancy indicator

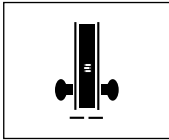
# L • Functions

## ANSI A156.13, Series 1000

### Mortise Locks—Non-Keyed

SCHLAGE ANSI

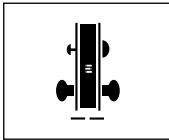
**L9010 F01**



#### Passage Latch

Latchbolt retracted by knob/lever from either side at all times.

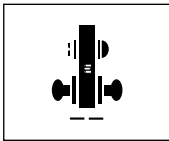
**L9040 F22**



#### Bath/Bedroom Privacy Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by inside thumbturn. Turning inside knob/lever or closing door unlocks outside knob/lever. To unlock from outside, remove emergency button, insert emergency turn (furnished) in access hole and rotate.

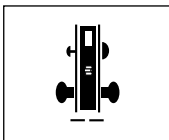
**L9044**



#### Privacy With Coin Turn Outside

Latchbolt retracted by knob/lever from either side unless outside is locked by inside thumbturn or outside coin turn. Operating inside knob/lever, closing door, rotating inside thumbturn or rotating outside coin turn unlocks outside knob/lever. Specify per L283-056 for Torx screws. Available with rose trim only. (Previously XL11-868)

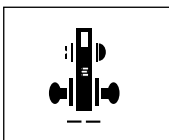
**L9440**



#### Privacy With Deadbolt

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by inside thumbturn. Throwing deadbolt locks outside knob/lever. Rotating inside knob/lever simultaneously retracts deadbolt and latchbolt, and unlocks outside knob/lever. To unlock from outside, remove emergency button, insert emergency thumbturn in access hole and rotate. (Previously XL11-761)

**L9444**



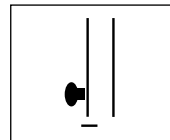
#### Privacy With Deadbolt and Coin Turn Outside

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by inside thumbturn or outside coin turn. Throwing deadbolt locks outside knob/lever. Rotating inside knob/lever simultaneously retracts deadbolt and latchbolt, and unlocks outside knob/lever. Rotating outside coin turn retracts deadbolt and unlocks outside knob/lever. Specify per L283-056 for Torx screws. Available with rose trim only. (Previously XL11-868)

### Mortise Locks—Non-Keyed Dummy

SCHLAGE ANSI

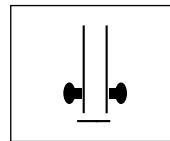
**L0170**



#### Single Dummy Trim

Knob/lever on one side fixed by mounting bar.

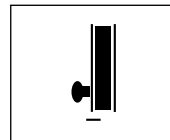
**L0172**



#### Double Dummy Trim

Knob/lever on both sides fixed by mounting bar.

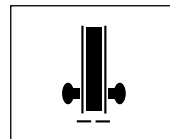
**L9175**



#### Single Dummy w/ Lock Case

Knob/lever on one side inoperable. Includes lock case and armor front.

**L9176**



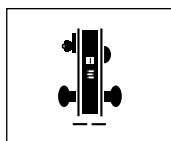
#### Double Dummy w/ Lock Case

Knob/lever on both sides inoperable. Includes lock case and armor front.

## Mortise Locks—Keyed

SCHLAGE ANSI

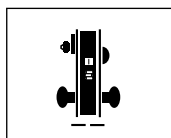
L9050 F04



### Office and Inner Entry Lock

Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by turning inside thumbturn. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Outside knob/lever remains locked until thumbturn is returned to vertical or unlocked by key. Auxiliary latch deadlocks latchbolt when door is closed.

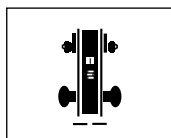
L9056



### L9050 With Simultaneous Retraction

Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by rotating inside thumbturn. Outside knob/lever unlocked by key outside, thumbturn, or closing door. Rotating inside knob/lever simultaneously retracts latchbolt and unlocks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed. (Previously XL11-776)

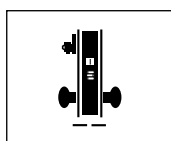
L9060 F09



### Apartment Entrance Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from inside. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed.

L9070 F05



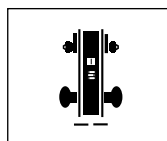
### Classroom Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key. Unlocked from outside by key. Inside knob/lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed.

## Mortise Locks—Keyed

SCHLAGE ANSI

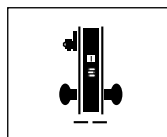
L9071



### Classroom Security Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from either side. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is locked.

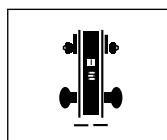
L9076 F06



### Classroom Holdback Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Depress inside knob/lever and turn key 360° for holdback feature.

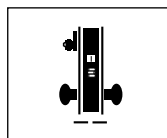
L9077



### Classroom Security Holdback Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from either side. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is locked. Depress inside knob/lever and turn key 360° for holdback feature.

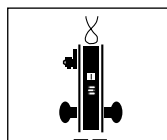
L9080 F07



### Storeroom Lock

Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always inoperative. Auxiliary latch deadlocks latchbolt when door is closed.

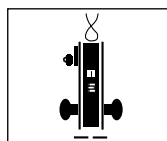
L9080EL



### Electrically Locked (Fail Safe)

Outside knob/lever continuously locked by 24V AC or DC. Latchbolt retracted by key outside or by knob/lever inside. Switch or power failure allows outside knob/lever to retract latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. Inside knob/lever always free for immediate exit.

L9080EU



### Electrically Unlocked (Fail Secure)

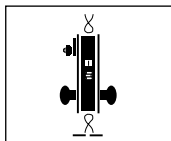
Outside knob/lever unlocked by 24V AC or DC. Latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside knob/lever always free for immediate exit.

# L • Functions

## Mortise Locks—Keyed

SCHLAGE ANSI

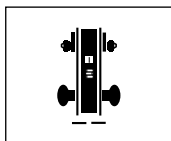
L9080EL-RX  
L9080EU-RX



### Request To Exit (RX) Electrified Lock

Same as L9080EL and L9080EU functions. In addition, a micro switch positioned inside the lock case monitors the retractor crank, and is actuated when rotation of the inside or outside knob/lever rotates the retractor hub. The switch signals the use of that opening to security systems, allowing a non-disruptive means of immediate egress. Specify per L283-059 for normally closed contacts (default). Specify L283-125 for normally open contacts. (Previously XL11-807)

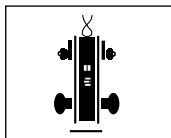
L9082



### Institution Lock\*

Latchbolt retracted by key from either side. Knob/lever on both sides always inoperative. Auxiliary latch deadlocks latchbolt when door is closed.

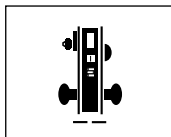
L9082EL  
L9082EU



### L9082 Electrically Locked or Electrically Unlocked Both Sides\*

EL: Outside and inside knob or lever continually locked electrically. Latchbolt retracted by key either side. Switch or power failure allows outside and inside knob/lever to retract latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. EU: Outside and inside knob/lever unlocked electrically. Latchbolt retracted by key either side. Switch or power failure keeps inside and outside knob/lever locked. Auxiliary latch deadlocks latchbolt when door is closed. (Previously XL11-452)

L9453 F20



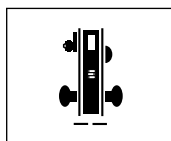
### Entrance Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by 20° rotation of thumbturn. Deadbolt thrown or retracted by 90° rotation of thumbturn. When locked, key outside or knob/lever inside retracts deadbolt and latchbolt simultaneously. Outside knob/lever remains locked until thumbturn is restored to vertical position. Throwing deadbolt automatically locks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed.

## Mortise Locks—Keyed

SCHLAGE ANSI

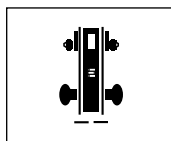
L9456 F13



### Corridor Lock

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside or inside thumbturn. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever.

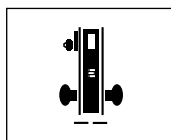
L9457



### Classroom Security Lock

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key from either side. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever.

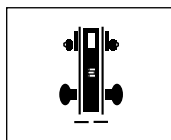
L9465



### Closet/Storeroom Lock

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside.

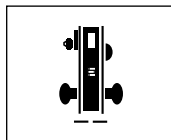
L9466 F14



### Store/Utility Room Lock\*

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key from either side.

L9473 F21



### Dormitory/Bedroom Lock

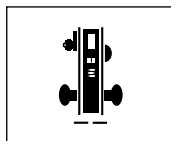
Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside or thumbturn inside.

\* **Caution:** Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

## Mortise Locks—Keyed

SCHLAGE ANSI

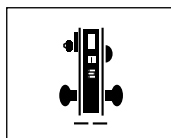
### L9480



### Storeroom Lock With Deadbolt

Latchbolt retracted by key outside or by lever or knob inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by key outside or thumbturn inside. Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. (Previously XL11-591)

### L9485

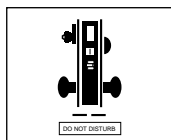


### Hotel Lock

Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, all keys become inoperative except emergency or display keys. Turning inside knob/lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed.

### L9486

### F15



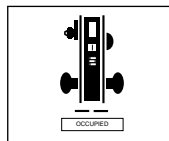
### Hotel Lock w/ "Do Not Disturb" Indicator

Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, "DO NOT DISTURB" plate is displayed. All keys become inoperative except emergency or display keys. Turning inside knob/lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed.

## Mortise Locks—Keyed

SCHLAGE ANSI

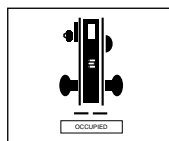
### L9486



### L9486 With "OCCUPIED" Indicator

Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, "OCCUPIED" plate is displayed and all keys become inoperative except emergency keys. Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. Specify per L583-375. (Previously XL11-580)

### L9496



### Privacy With "OCCUPIED" Indicator

Knob/lever retracts latchbolt from either side. Deadbolt thrown or retracted by key outside (retraction by key required in the event of an emergency) or inside thumbturn. Throwing deadbolt locks outside knob/lever and displays "OCCUPIED" plate. Rotating inside knob/lever simultaneously retracts both deadbolt and latchbolt and unlocks outside knob/lever. (Previously XL11-885)



## Mortise Locks—Keyed Deadlocks

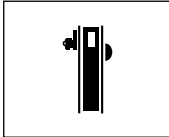
SCHLAGE ANSI

L9460

F17

### Cylinder x Thumbturn Lock

Deadbolt thrown or retracted by key outside or thumbturn inside.

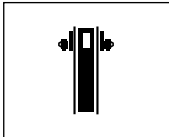


L9462

F16

### Double Cylinder Lock\*

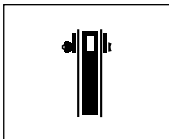
Deadbolt operated by key from either side.



L9463

### Classroom Lock

Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts deadbolt but cannot project it.

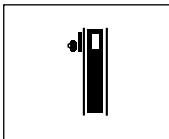


L9464

F18

### Cylinder Lock

Deadbolt thrown or retracted by key from one side. No trim on opposite side.



## ANSI A156.5

## Mortise Locks—Small Case Deadlocks

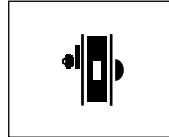
SCHLAGE ANSI

L460

E06071

### Cylinder x Thumbturn Lock

Deadbolt thrown or retracted by key outside or thumbturn inside.

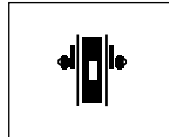


L462

E06061

### Double Cylinder Lock\*

Deadbolt operated by key from either side.

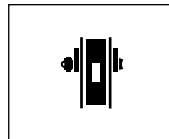


L463

E06091

### Classroom Lock

Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts deadbolt but cannot project it.

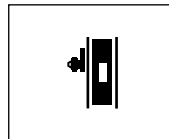


L464

E06081

### Cylinder Lock

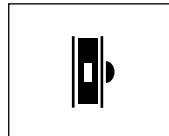
Deadbolt thrown or retracted by key from one side. No trim on opposite side.



L480

### Door Bolt

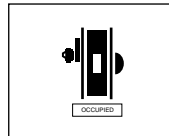
Deadbolt thrown or retracted by thumbturn from one side. No trim on opposite side.



L496

### Deadbolt With "OCCUPIED" Indicator

Deadbolt thrown or retracted by key outside or thumbturn inside. When deadbolt is thrown "OCCUPIED" plate is displayed. (Previously XL11-911)

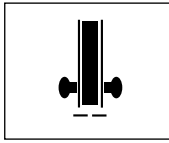


\* **Caution:** Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

## Special Functions

### SCHLAGE

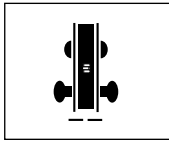
#### L9110



#### Double Dummy With Active Trim

Knob/lever both sides always active. Includes lock case and armor front. Specify per XL11-741. May be ordered with optional XL11-743 armored front with cutout to receive deadbolt only.

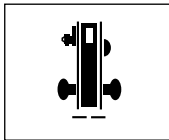
#### L9040



#### Privacy With Turns Both Sides

Latchbolt retracted by knob/lever from either side unless outside is locked by inside or outside thumbturn. Operating inside knob/lever, closing door or rotating either thumbturn unlocks outside knob/lever. Specify per XL11-446.

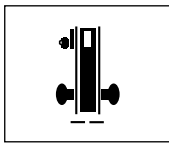
#### L9460



#### L9460 With Fixed Dummy Trim

Knob/lever both sides fixed. Deadbolt thrown or retracted by key outside or thumbturn inside. Specify per XL11-635.

#### L9460, L9462, L9464



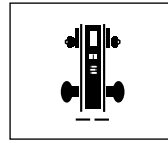
#### Deadbolt With Retraction By Inside Lever or Knob

L9460: Deadbolt thrown or retracted by key outside or thumbturn inside. Outside knob/lever always fixed. Inside knob/lever active when deadbolt is retracted. Rotating inside knob/lever will retract deadbolt.  
L9462: Same as above, except deadbolt thrown or retracted by key from either side.  
L9464 (shown): Same as above, except deadbolt thrown or retracted by key from one side. Specify desired function per XL11-886.

## Special Functions

### SCHLAGE

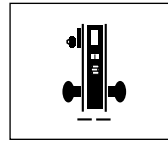
#### L9482



#### Institution Lock With Deadbolt\*

Latchbolt retracted by key from either side. Knob/lever on both sides always inoperative. Deadbolt thrown or retracted by key either side. Auxiliary latch deadlocks latchbolt when door is closed. Specify per XL11-543.

#### L9485



#### Prison Function Lock

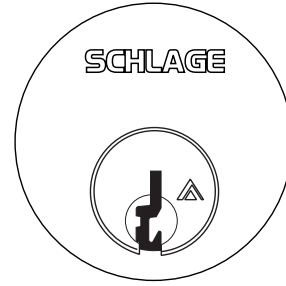
Latch retracted by key outside or knob inside. Outside knob always free spinning. Deadbolt only thrown or retracted by guard's key. Inside knob becomes fixed when deadbolt is thrown. Prisoner's key only retracts latchbolt. Furnished standard with tamper resistant Torx screws. Specify per XL11-557.

\* **Caution:** Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

## ***Schlage® Standard Cylinders***

Schlage® locks are provided with cylinders precision built to extremely close tolerances and the highest standards of accuracy. Using only solid brass bar stock plugs and shells, phosphor bronze springs, nickel silver keys and bottom pins, ensures long life and ease of operation.

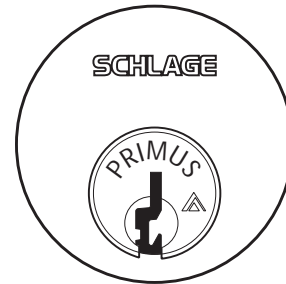
6-pin Everest cylinders in C123 keyway with two patented keys are standard for stock. C145 is standard for new master key systems.



## ***Primus® High Security Cylinders***

Primus high security cylinders are available to add patented key control and varying degrees of geographical exclusivity to most Schlage 6-pin key systems, whether Everest or Classic keyways.

In addition to a conventional pin tumbler mechanism, Primus cylinders incorporate a patented finger pin and sidebar design providing a “dual-locking” cylinder that is virtually pick-proof. Resistance to drilling and other physical attack is optional by specifying 20-500 Series UL437 Listed cylinders.

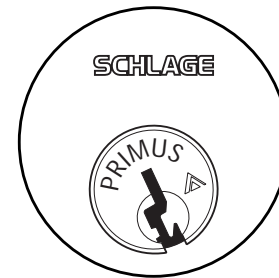


## ***Primus® Lockout Cylinders***

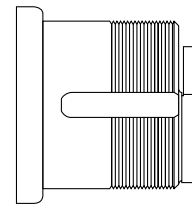
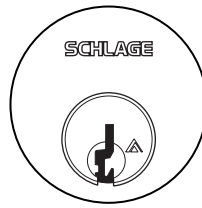
For doors where it is frequently desirable to disable all keys from operating the lock temporarily, use lockout cylinders. The special *lockout key* can be removed while the plug is turned to the 11 o'clock position, preventing all normal operating keys, including master keys, from fully entering the cylinder.

Suggested applications for lockout cylinders include laboratories, dark rooms, clean rooms, and exterior doors to dormitories.

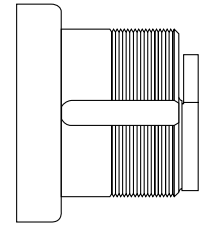
Schlage will not master key lockout cylinders.



## Standard (Non-IC) Cylinders



Cylinder Only



Compr. Ring &amp; Spring

### Standard (Non-IC) Mortise Cylinders

	Design	Function	Cylinder Mechanism				
			Conventional	Primus	Primus UL437	Primus Lockout	Primus UL437 Lockout
	<b>L &amp; N Escutcheons</b> (cylinders and spring only)	All Except Below	30-021	20-793	20-593	20-717**	20-517**
		L9060 Outside	26-021	20-701	20-501	20-715**	20-515**
		L9485, L9486 Hotel Functions	30-022*	N/A	N/A	N/A	N/A
	<b>L Escutcheon with concealed shell cylinder</b> (C suffix)	All Except Below	30-004	20-789	20-589	N/A	N/A
		L9060 Outside	26-023	N/A	N/A	N/A	N/A
		L9485, L9486 Hotel Functions	30-005*	N/A	N/A	N/A	N/A
	<b>Sectional Trim</b> (cylinder with compression ring & spring)	All Except Below	30-001	20-787	20-587	20-717	20-517
		L9060 Outside	20-001	20-700	20-500	20-715	20-515
		L9485, L9486 Hotel Functions	30-002*	N/A	N/A	N/A	N/A

\* Specify door hand for hotel function cylinders.

\*\* Discard compression ring for Lockout cylinders with escutcheon trim.

Finishes: 605, 606, 611, 612, 613, 625, 626, 629, and 630.

Concealed shell cylinders available 606 and 626 only.

6-pin Everest C123 keyway standard for stock cylinders. C145 standard for new key systems.

Standard cylinder lengths: sectional (rose) trim = 1 1/8" (29mm), escutcheon trim = 1 1/4" (32mm).

Optional cylinder lengths are in 1/8" (4mm) increments ranging from 1 1/8" to 1 3/4" (29mm to 44mm).

## Full Size Interchangeable Core Cylinders

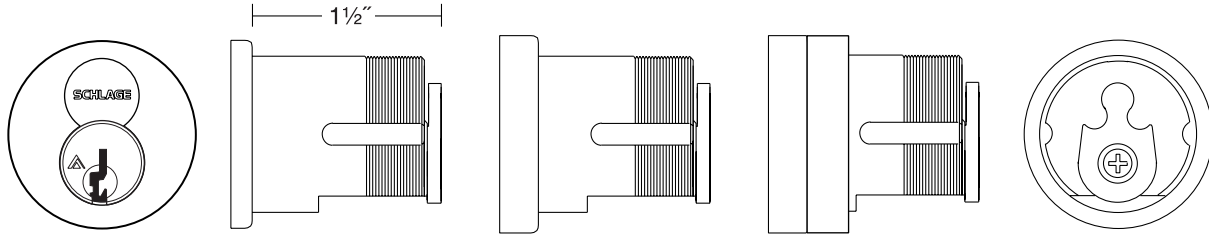
Schlage® figure-8 interchangeable core (IC) cylinders allow immediate rekeying at the door simply by using the special *control key* to replace the core in seconds.

Full size IC cylinders can be integrated into any existing 5 or 6-pin Schlage key system with no adverse effects on keying capacity. Convert existing mortise locks to interchangeable core merely by replacing the old cylinder with the IC cylinder and proper collar(s).

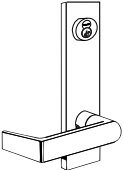
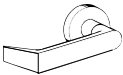
To order Schlage L-Series mortise locks with full size IC cylinders, change suffix **P** to **R**; example: L9453**R**.

To order interchangeable core locks *less core*, change suffix to **J**;

To order locks with full size *construction core*, change suffix to **T**.



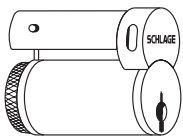
Full Size IC Mortise Cylinders

	Design	Function	Core Mechanism		
			Conventional	Primus	Housing Less Core
	<b>L &amp; N Escutcheons</b> (cylinders with compression ring)	All Except Below	30-008	20-798	30-007
		L9060 Outside	30-030	20-782	30-032 + 36-083
		L9485, L9486 Hotel Functions	30-010*	N/A	30-007
	<b>Sectional Trim</b> (cylinder with compression ring, spring and 3/8" blocking ring)	All Except Below	30-138	20-776	30-137
		L9060 Outside	20-061	20-783	30-032 + 36-083 + 35-082-037
		L9485, L9486 Hotel Functions	30-140*	N/A	30-137

\* Hotel function cores are handed. Specify hand of door.

Finishes: 605, 606, 611, 612, 613, 625, and 626. Standard cylinder length: 1 1/2"

### Full Size Interchangeable Cores Only



Number	Description
23-030	Conventional core
20-740	Primus high security core
30-120	Hotel function core (Specify hand of door.)

Available 606 and 626 finish only.

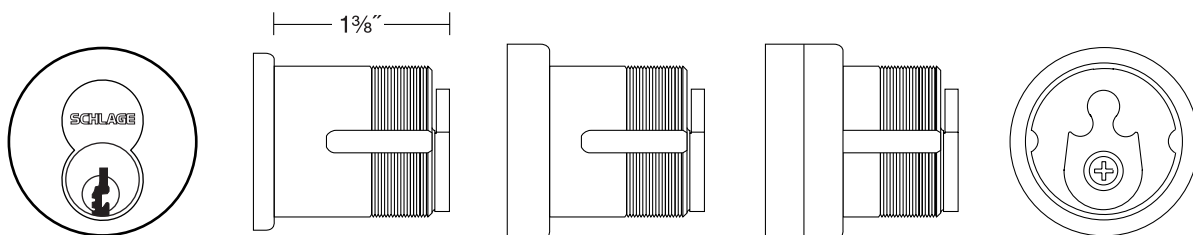
Standard keyway: 6-pin Everest C123 for stock, C145 for new master key systems.





## Small Format Interchangeable Core (SFIC) Cylinders

The L-Series lockset can be ordered to accept small format interchangeable cores (SFIC) compatible with Falcon, Arrow, Best, etc. and cams are easily changeable.

To order Schlage L-Series mortise locks with SFIC cylinders *less core*, change suffix **P** to **BD**. Example: L9453**BD**. To order locks with Everest B Family *restricted keyway cores*, change suffix to **GD**. To order with *keyed construction cores*, change suffix to **HD**. To order with *disposable construction cores*, change suffix to **BDC**.



Small Format Interchangeable Core Cylinders

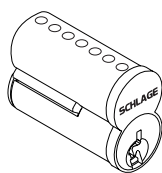
	Design	Function	Core Mechanism			
			Everest Restricted (GD Suffix)	Keyed Construction (HD Suffix)	Disposable Construction (BDC Suffix)	Housing Less Core (BD Suffix)
	<b>L &amp; N Escutcheons</b> (cylinders with compression ring and spring)	All* except L9060 Outside	80-308	80-138	80-115	80-108
		L9060 Outside	80-304	80-134	80-112	80-104
	<b>Sectional Trim</b> (Cylinder with compression ring, spring, and 1/4" blocking ring)	All* except L9060 Outside	80-301	80-131	80-109	80-101
		L9060 Outside	80-304 + 36-082-025	80-134 + 36-082-025	80-112 + 36-082-025	80-104 + 36-082-025

\* L9485 and L9486 hotel functions are not available with small format IC cylinders

Finishes: 605, 606, 611, 612, 613, 625, and 626.

Standard cylinder length is 1 3/8"

### Small Format Interchangeable Core Only



Number	Description
80-036	7-Pin uncombined Everest B Family restricted keyways
80-037	7-Pin combined Everest B Family restricted keyways
80-043	6-pin uncombined Falcon / Best keyways
80-033	7-pin uncombined Falcon / Best keyways

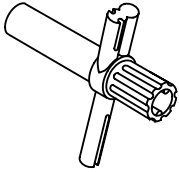
Available 606 and 626 finish only. Specify keyway for existing systems.

80-033 and 80-043 cores are available in A, D, E, F, G, H, J, K, L, and M keyways.

Schlage assigns the keyway when establishing new Everest restricted key systems.

## *IC Installation Tool*

This tool is used to install and remove mortise cylinder housings and test mortise cylinder cam action for both small format and full size interchangeable core cylinders. Its other ends are designed to install the driver and retainer for full size IC in AL-Series, D-Series and other Schlage cylindrical locksets.



M504-413 (Order as needed)

## *Mortise Cylinder Cams*

**L400 and L9000 Series**  
Except L9060 Outside



L583-153  
Everest &  
Primus



L583-254  
Classic  
Conventional



L583-255  
All IC

**L9060 Outside Only**



B502-948  
Everest &  
Primus



B502-191  
Classic  
Conventional



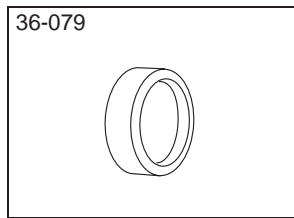
K510-680  
All IC

## *Cam Screws*

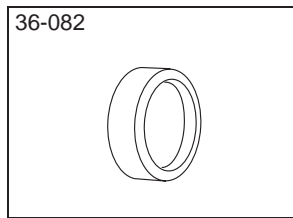
- B502-942 Everest and Primus (non-IC)
- B502-468 Classic conventional (non-IC)
- L583-333 All full size interchangeable core
- B520-484 All small format interchangeable core



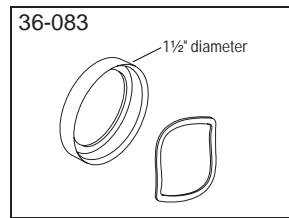
## Blocking and Compression Rings



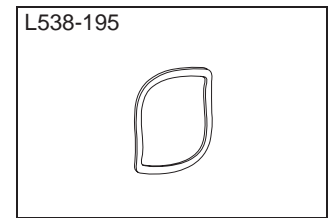
Blocking Ring, Specify finish and dimension. Not to be used with 36-083



Blocking Ring, Specify finish and dimension. Use with 36-083



Compression Ring and Spring. Ring, Specify finish and dimension.



Compression Ring

### Dimensions for Blocking Rings

Blocking Ring Length	Dimension
1/8"	012
3/16"	018
1/4"	025
5/16"	031
3/8"	037
7/16"	043
1/2"	050

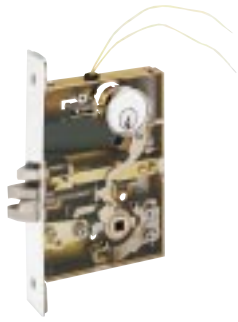
### Full Size Core Blocking Ring Requirements

Function	Trim	Door Thickness			
		1 3/8"	1 3/4"	2"	2 1/4"
		Dimension			
L9050, L9070, L9080, L9410 (disc), L9453, L9456, L9460 per XL11-886 or XL11-635, L9464 per XL11-886, L9465, L9473, L9480, L9496	Rose	050	037	025	025
	Escutcheon	025	012	N/R	N/R
L9485	Rose	—	037	025	025
	Escutcheon	—	012	N/R	N/R
L9486	Rose	012	N/R	N/R	N/R
	Escutcheon	025	012	N/R	N/R
L9060, L9071, L9077, L9082, L9457, L9462 per XL11-886, L9466, L9482	Rose	—	050	043	031
	Escutcheon	025	012	N/R	N/R
L460, L464, L496, L9460, L9464	Rose Trim	050	037	025	025
L462, L463, L9462, L9463	Rose Trim	—	050	043	031

### Full Size Core Blocking Ring Requirements

Function	Trim	Door Thickness			
		1 3/8"	1 3/4"	2"	2 1/4"
		Dimension			
L9050, L9060, L9070, L9071, L9077, L9080, L9082, L9453, L9456, L9457, L9462 per XL11-886, L9465, L9466, L9473, L9482,	Rose	037	025	012	N/R
	Escutcheon	N/R	N/R	N/R	N/R
L9050, L9060, L9070, L9080, L9082, L9410 (disc), L9453, L9456, L9460 per XL11-886 or XL11-635, L9464 per XL11-886, L9465, L9466, L9473, L9480, L9496	Rose	—	050	037	025
	Escutcheon	018	N/R	N/R	N/R
L460, L464, L496, L9460, L9464	Rose Trim\	037	025	012	N/R
L462, L463, L9462, L9463	Rose Trim\	—	050	037	025

## Electrified Locks



**L9080PEL**  
**L9080PEU**

**Applications:** Security control centers, cashier rooms, fire safety alarms, stairwell doors, telephone equipment rooms, computer rooms, hospital equipment, and narcotics areas.

**Regulating Devices:** Security alarms, wall switches, security consoles, access card readers, thermo-sensitive devices, smoke and fire alarms, telephone access controls, automatic time devices, and computerized controls.

*All installations should be in accordance with local electrical codes and National Electrical Code, NFPA 70-1996.*

### Electrical Requirements for EL or EU

Voltage: 24V AC or 24V DC (Maximum 29V, Minimum 20V)

Peak Current: Amps 1.3 at 5 to 10 second intervals

Holding Current: Amps .135 between peak current intervals.

Operating Temperature: Maximum +151°F, Minimum -31°F

### Micro Switch Electrical Requirements for Request to Exit (RX) Function

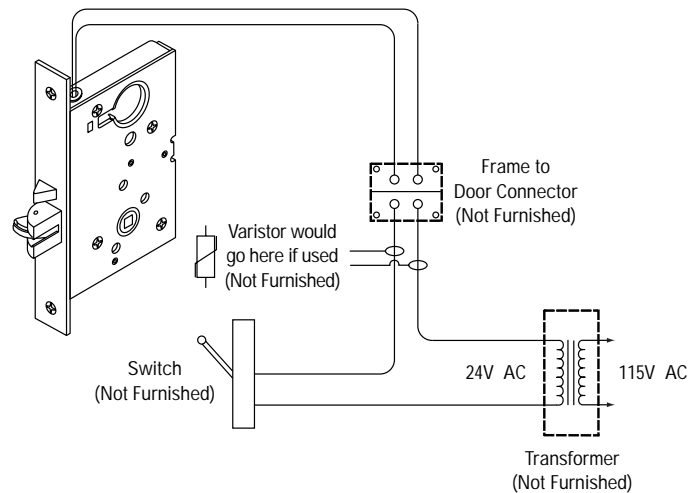
Amps, 1.0; Volts, 24 AC or DC

Peak load: Amps, 5; Volts, 250 AC or 28 DC

### Replacement Kit

L283-053-Solenoid and Driver, EL or EU

**Typical Wiring Diagram for Electrified L-Series Locks**



### Typical Installation

- Electrified L-Series locks contain a transistorized circuit which provides full voltage to the solenoid upon initial application of electrical power and at 5 to 10 second intervals.
- Each lock should preferably have its own 24 volt transformer. Two or more locks may be operated in parallel from a single transformer provided it has the necessary current rating.
- **NOTE:** DO NOT connect locks in series from a higher voltage rated transformer.
- We DO NOT recommend that these locks be connected to a supply circuit that also contains electromagnetic devices. If an electromagnetic device is connected to the supply circuit the resulting transient voltages could damage the lock. The transient voltage must be carefully suppressed at the equipment producing them before connecting the lock to the same circuit.
- A varistor rated at 35 volts (peak recurrent) may be used for transient voltage protection.

## Armored Fronts

L-Series armored fronts are produced from brass, bronze or stainless steel material, finished to match lock trim and furnished complete with screws. Numbers for ordering separately or with locks are listed below. Armored fronts are specified in latch column of order form.

### Armored Fronts

Square Corner		Description
1¼" (32mm) Width	1⅞" (27mm) Width	
09-662	09-668	Latch: L9010, 9040
09-663	09-669	Latch x auxiliary latch: L9050, L9060, L9070, L9080, L9082
09-664	09-670	Latch x deadbolt: L9456, L9465, L9466, L9473
09-665	09-671	Deadbolt: L9460, L9462, L9463, L9464
09-666	09-672	Latch x auxiliary latch x deadbolt: L9453, L9485, L9486
09-661	09-667	Blank (no holes): L9175, L9176

**Note:** For 1⅝" (35mm) doors, 1⅞" (27mm) armor must be specified if required.

### Standard Square Corner

1¼" (32mm) Width



## Strikes

All L-Series strikes are produced from brass, bronze or stainless steel material, finished to match lock trim, and are furnished complete with screws. Numbers for ordering separately or with locks are listed below.

### Strikes

Number	Lip Length	Description
10-072	1⅞" (30mm)	Standard
	7⁄8" (22mm), 1" (25mm), 1½" (38mm)	Optional
	1¾" (44mm), 2" (51mm)	Special lip
10-073	No lip	For deadbolt lock
10-075	No lip	½" (13mm) Rabbeted (use with 1⅞" (27mm) armor)
10-091*	1⅞" (30mm)	Armor front
K510-066	—	Strike box, plastic

\*Specify hand of inactive door.

### Standard Square Corner

10-072

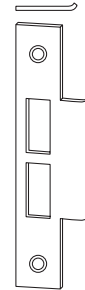
1¼" x 4⅞" x 1⅞" Lip  
32mm x 124mm x 30mm



### Armor Strike

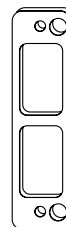
10-091

1¼" x 8" x 1⅞" Lip  
32mm x 203mm x 30mm



### Wood Frame Reinforcer

37-015

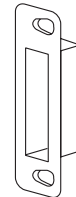


Available for wood door jamb reinforcement. Furnished when specified.

### Plastic Strike Box

K510-066

1¼" x 4⅞" x 1⅞" Deep  
32mm x 121mm x 30mm



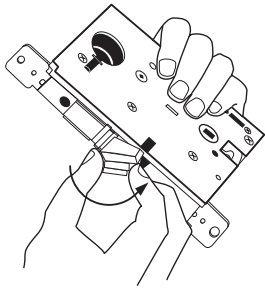


## Door Handing

One of the revolutionary features of the L-Series mortise lock is that handing can be done by the distributor or installer quickly and easily without opening the lock case. This feature allows a Schlage distributor to order L-Series locks as stock and customize the handing to each order's specification. This means off-the-shelf delivery to meet today's fast track construction requirements. The mix and match lever with knob combinations available along with a quickly reversible lock chassis provides the ultimate in stocking, ordering, and installation flexibility. Orders can be filled from on-hand stock, minimizing delivery problems.

### Changing Lock Hand

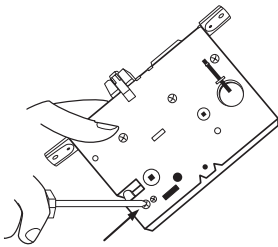
No more than two simple steps are required to change the hand of any L-Series lock. Rotate the latch unit 180° and/or change the catch screw position.



Pull and rotate

#### A. Change Latchbolt Handing

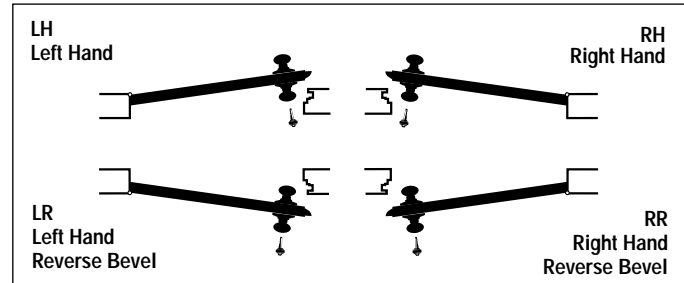
Remove armored front. Pull latchbolt away from chassis and rotate complete unit 180° to reverse the door handing. Reinstall armored front.



Relocate catch screw

#### B. Change Chassis Handing

Remove catch screw from one side of chassis and install on opposite side. For RH and RR, the catch screw will be on the lock case side. For LH and LR, the catch screw will be on the lock case cover.



The hand is determined by the direction it swings when viewed from the exterior or corridor side of the door.

## How to Order

To order Schlage products, descriptive data should be in the same sequence as shown.

Line Item	Qty	Product	Outside		Inside		Hand	Strike	Door Thickness	Ext	Dim	Additional Details
			Des	Fin	Des	Fin						
1	2	3	4	5	6	7	8	9	10	11	12	13

- Line item number
- Quantity
- Complete lock product or part number
- Outside design code\*
- Outside finish code
- Inside design code. Leave blank if same as outside design code.
- Inside finish code. Leave blank if same as outside finish code.
- Hand of door. Only one hand allowed per line item. Example: RH=Right Hand, LH=Left Hand, RR=Right Reverse, LR=Left Reverse.
- Strike. Leave blank for standard or specify part number if non-standard strike is required. LLL=Less Strike.
- Door Thickness. Enter door thickness if non-standard. Example: 138=1 $\frac{3}{8}$ ", 214=2 $\frac{1}{4}$ ", 212=2 $\frac{1}{2}$ ".
- Extension. Enter one of the following when doors 2" thick or greater are specified:  
EE = Extended Equally  
EI = Extended Inside  
EO = Extended Outside  
ED = Extended Differently  
EI or EO assumes the latch will be centered on a 1 $\frac{3}{4}$ " door, to which material has been added.
- Enter dimension for non-standard strike lip length and mortise cylinder or blocking ring length.  
012 =  $\frac{1}{8}$ "      118 = 1 $\frac{1}{8}$ "  
018 =  $\frac{3}{16}$ "      114 = 1 $\frac{1}{4}$ "  
025 =  $\frac{1}{4}$ "      138 = 1 $\frac{3}{8}$ "  
031 =  $\frac{5}{16}$ "      112 = 1 $\frac{1}{2}$ "  
037 =  $\frac{3}{8}$ "      158 = 1 $\frac{5}{8}$ "  
050 =  $\frac{1}{2}$ "      134 = 1 $\frac{3}{4}$ "  
078 =  $\frac{7}{8}$ "      200 = 2"  
100 = 1"      400 = 4"
- Enter detail for keying information and for special requirements.

### EXAMPLE

Line Item	Qty	Product	Outside		Inside		Hand	Latch	Strike	Dr Thk	Ext	Dim	Additional Details
			Des	Fin	Des	Fin							
1	50	L9453P	03A	626			RH						
2	50	L9453P	03A	626			LH						
3	50	L9040	03A	626		625	RH						
4	50	L9040	03A	626		625	LH						
5	50	L9456R	07L	605			RH						
6	50	L9456R	07L	605			LH						

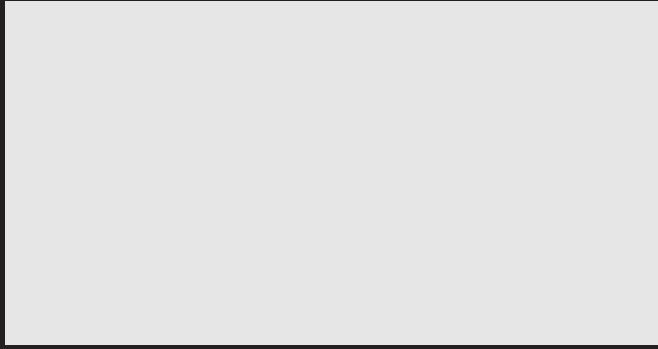
**Note:** Schlage order forms are available at no charge by contacting your Schlage Representative or Customer Service.

\* To specify complete design, combine the numeric knob or lever design with the alpha rose or escutcheon design. Example: 03L, 93A, 42B.

When ordering Mediterranean design levers with L escutcheons, specify AST/00L, AVA/00L or MER/00L. Use the chart below for trim options.

Knobs/Levers	Roses		Escutcheons	
	A	B	L	N
All levers, except 93	•	•	•	•
93 Lever	•	•		•
41, 42 Knobs	•	•	•	•
Mediterranean	see note		•	

**Note:** The Mediterranean rose is shown on page 5 and there are no other *rose* options for Mediterranean levers.



#### **Administrative Offices**

1915 Jamboree Drive, Suite 165  
Colorado Springs, CO 80920  
(719) 264-5300  
FAX (719) 264-5382

#### **Commercial Customer Service**

2315 Briargate Parkway STE 700  
Colorado Springs, CO 80920  
(800) 847-1864  
FAX (800) 452-0663  
Order Entry  
FAX (800) 452-0665

#### **International Division**

Ingersoll-Rand Architectural Hardware  
1076 Lakeshore Road East  
Mississauga, Ontario, L5E 1E4, Canada  
(905) 278-6128  
FAX (905) 278-1413

#### **Internet**

<http://www.schlagelock.com>

#### **Fax-On-Demand**

(888) 321-3228



#### **IR Security & Safety Americas**

111 Congressional Boulevard STE 200  
Carmel, IN 46032  
800-847-1864  
800-452-0663 Fax  
[www.irsecurityandsafety.com](http://www.irsecurityandsafety.com)